

**FACILITIES DESIGN
CONTRACT PREPARATION
TRAINING OVERVIEW FOR DESIGNERS AND CONSULTANTS**

OVERVIEW OF FORM 816 DIVISION I

1. **The FORM 816 is a dual-unit book.**
2. Additional content description is provided below only when the Article title does not sufficiently describe the Article content. In addition, Section 1.20 information will include cross-references to the "Old" method of Contract Assembly.

ARTICLE	TITLE AND DESCRIPTION
	SECTION 1.01 - DEFINITIONS OF TERMS AND PERMISSIBLE ABBREVIATIONS
1.01.01	DEFINITIONS
1.01.02	ABBREVIATIONS, PUBLICATIONS AND STANDARDS
1.01.03	ABBREVIATIONS AND TERMS
	SECTION 1.02 - PROPOSAL REQUIREMENTS AND CONDITIONS
1.02.01	CONTRACT BIDDING AND AWARD
1.02.02	COMPETENCE OF BIDDER
1.02.03	INTERPRETATION OF ESTIMATE 1. Quantities on Proposal Form are estimates for Contract Award, not for Actual Payment.
1.02.04	EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF WORK 1. Bidder's requirement to review Project Site and all applicable Contract documents before bid. 2. Disclaimer on subsurface information and utility information. 3. Bidder's requirement to notify the Department of all omissions, errors, discrepancies.
1.02.05	PREPARATION OF PROPOSALS
1.02.06	REJECTION OF NON-RESPONSIVE PROPOSALS
1.02.07	PROPOSAL GUARANTY
1.02.08	DELIVERY OF PROPOSAL
1.02.09	WITHDRAWAL OF PROPOSALS
1.02.10	PUBLIC OPENING OF PROPOSALS
1.02.11	MISCELLANEOUS GROUNDS FOR REJECTION OF PROPOSALS
1.02.12	VACANT
1.02.13	KNOWLEDGE OF APPLICABLE LAWS
1.02.14	SWORN STATEMENT BY BIDDER
1.02.15	REQUIRED CERTIFICATIONS OF ELIGIBILITY TO BID

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ARTICLE	TITLE AND DESCRIPTION
	SECTION 1.03 - AWARD AND EXECUTION OF CONTRACT
1.03.01	CONSIDERATION OF BIDS
1.03.02	AWARD AND EXECUTION OF CONTRACT 1. Requirement to typically Award Contract within 60 days of Bid Opening.
1.03.03	RETURN OF PROPOSAL GUARANTY 1. Return of Bid Proposals after Award.
1.03.04	REQUIREMENTS OF PERFORMANCE CONTRACT BOND AND PAYMENT BOND 1. Contractor's requirement to pay subcontractors and suppliers.
1.03.05	VACANT
1.03.06	FAILURE TO EXECUTE CONTRACT
1.03.07	INSURANCE
1.03.08	NOTICE TO PROCEED AND COMMENCEMENT OF WORK 1. Requirement to typically issue Notice to Proceed within 45 days of Contract execution.
	SECTION 1.04 - SCOPE OF WORK
1.04.01	INTENT OF CONTRACT
1.04.02	INCREASED OR DECREASED QUANTITIES OF MINOR ITEMS, AND ELIMINATION OF MINOR ITEMS
1.04.03	CHANGES IN QUANTITIES AND SIGNIFICANT CHANGES IN THE CHARACTER OF WORK
1.04.04	DIFFERING SITE CONDITIONS
1.04.05	EXTRA WORK
1.04.06	REMOVAL AND DISPOSAL OF STRUCTURES ON THE WORK SITE
1.04.07	RIGHTS IN AND USE OF MATERIALS FOUND ON THE WORK SITE
	SECTION 1.05 - CONTROL OF THE WORK
1.05.01	AUTHORITY OF ENGINEER
1.05.02	PLANS, WORKING DRAWINGS AND SHOP DRAWINGS 1. Defines "Plans" prepared by the Department. 2. Defines "Working Drawings" prepared by the Contractor. 3. Defines "Shop Drawings" prepared by the Contractor.
1.05.03	CONFORMITY WITH PLANS AND SPECIFICATIONS

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ARTICLE	TITLE AND DESCRIPTION
1.05.04	COORDINATION OF SPECIAL PROVISIONS, PLANS, SUPPLEMENTAL SPECIFICATIONS AND STANDARD SPECIFICATIONS AND OTHER CONTRACT REQUIREMENTS 1. Outlines the order of governance of Contract provisions. In descending order: <ol style="list-style-type: none"> a. Environmental Permits. b. Environmental Permit Applications. c. Special Provisions (including Boilerplate documents and CSI-formatted Specifications). d. Plans other than Standard Sheets (Enlarged details on plans, used to clarify construction, shall take precedence over smaller details of the same area; and information in schedules or tables, titled as such, shall take precedence over other data on plans). e. Standard Sheets. f. Supplemental Specifications to the Form 816. g. Standard Specifications (Form 816) and other Contract Requirements.
1.05.05	COOPERATION BY CONTRACTOR 1. Contractor's responsibility to have Contract and Contractor representative on-site at all times.
1.05.06	COOPERATION WITH UTILITIES (INCLUDING RAILROADS)
1.05.07	COORDINATION WITH WORK BY OTHER PARTIES
1.05.08	VACANT
1.05.09	AUTHORITY OF INSPECTORS
1.05.10	INSPECTION
1.05.11	REMOVAL OF DEFECTIVE OR UNAUTHORIZED WORK
1.05.12	PAYROLLS
1.05.13	EXAMINING AND COPYING CONTRACTOR'S RECORDS
1.05.14	TERMINATION CLAUSE
1.05.15	MARKINGS FOR UNDERGROUND FACILITIES
1.05.16	DIMENSIONS AND MEASUREMENTS 1. Contractor's responsibility to verify dimensions and measurements and to notify Engineer of conflicts.

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ARTICLE	TITLE AND DESCRIPTION
	SECTION 1.06 - CONTROL OF MATERIALS
1.06.01	SOURCE OF SUPPLY AND QUALITY 1. Contractor's responsibility to obtain Engineer approval of source of supply of all materials. 2. "Buy America" provisions for permanently incorporated steel and iron (FHWA requirement). 3. Named products in Contract represent basis for the standard required.
1.06.02	SAMPLES AND TEST 1. Contractor's responsibility to obtain Engineer approval of all materials. 2. Department responsibility to maintain "Schedule of Minimum Requirements for Sampling Materials for Test."
1.06.03	STORAGE
1.06.04	DEFECTIVE MATERIALS
1.06.05	SHIPPING MATERIAL
1.06.06	VACANT
1.06.07	CERTIFIED TEST REPORTS AND MATERIALS CERTIFICATES 1. Contractor's requirement to submit to the Engineer, not the Designer.
1.06.08	WARRANTIES, GUARANTEES, AND INSTRUCTION SHEETS
	SECTION 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES
1.07.01	LAWS TO BE OBSERVED
1.07.02	PERMITS AND LICENSES
1.07.03	PROPRIETARY DEVICES, MATERIALS AND PROCESSES
1.07.04	RESTORATION OF SURFACES OPENED PURSUANT TO PERMIT OR CONTRACT
1.07.05	LOAD RESTRICTIONS
1.07.06	SANITARY PROVISIONS
1.07.07	PUBLIC CONVENIENCE AND SAFETY
1.07.08	USE OF EXPLOSIVES
1.07.09	PROTECTION AND RESTORATION OF PROPERTY
1.07.10	CONTRACTOR'S DUTY TO INDEMNIFY THE STATE AGAINST CLAIMS FOR INJURY OR DAMAGE
1.07.11	OPENING OF SECTION OF PROJECT TO TRAFFIC OR OCCUPANCY

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ARTICLE	TITLE AND DESCRIPTION
1.07.05	LOAD RESTRICTIONS
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1.07.09	PROTECTION AND RESTORATION OF PROPERTY
1.07.10	CONTRACTOR'S DUTY TO INDEMNIFY THE STATE AGAINST CLAIMS FOR INJURY OR DAMAGE
1.07.11	OPENING OF SECTION OF PROJECT TO TRAFFIC OR OCCUPANCY
1.07.12	CONTRACTOR'S RESPONSIBILITY FOR WORK
1.07.13	CONTRACTOR'S RESPONSIBILITY FOR ADJACENT PROPERTY, FACILITIES AND SERVICES
1.07.14	PERSONAL LIABILITY OF REPRESENTATIVES OF THE STATE
1.07.15	NO WAIVER OF LEGAL RIGHTS
1.07.16	UNAUTHORIZED USE OF AREA(S) WITH THE PROJECT SITE
1.07.17	VACANT
1.07.18	USE OF STATE PROPERTY
	SECTION 1.08 - PROSECUTION AND PROGRESS
1.08.01	TRANSFER OF WORK OR CONTRACT 1. Contractor's responsibility to perform minimum percentage of Contract work.
1.08.02	ESTABLISHMENT OF CONSTRUCTION FIELD OFFICE
1.08.03	PROSECUTION OF WORK
1.08.04	LIMITATION OF OPERATIONS
1.08.05	PERSONNEL AND EQUIPMENT
1.08.06	SUSPENSIONS OF WORK ORDERED BY THE ENGINEER
1.08.07	DETERMINATION OF CONTRACT TIME
1.08.08	EXTENSION OF TIME
1.08.09	FAILURE TO COMPLETE WORK ON TIME
1.08.10	ANNULMENT OF CONTRACT
1.08.11	FINAL CLEANING UP
1.08.12	FINAL INSPECTION
1.08.13	TERMINATION OF THE CONTRACTOR'S RESPONSIBILITY

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ARTICLE	TITLE AND DESCRIPTION
1.08.14	ACCEPTANCE OF PROJECT
	SECTION 1.09 - MEASUREMENT AND PAYMENT
1.09.01	MEASUREMENT OF QUANTITIES
1.09.02	VALUE ENGINEERING
1.09.03	INCREASED OR DECREASED QUANTITIES
1.09.04	EXTRA AND COST-PLUS WORK
1.09.05	ELIMINATED ITEMS
1.09.06	PARTIAL PAYMENTS
1.09.07	FINAL PAYMENT
1.09.08	PAYMENT OF COSTS OWED TO THE STATE
	SECTION 1.10 - ENVIRONMENTAL COMPLIANCE
1.10.01	GENERAL
1.10.02	COMPLIANCE WITH LAWS AND REGULATIONS
1.10.03	WATER POLLUTION CONTROL 1. Includes "Best Management Practices."
1.10.04	AIR QUALITY CONTROL
1.10.05	NOISE POLLUTION
1.10.06	PROTECTION OF ARCHAEOLOGICAL AND PALEONTOLOGICAL REMAINS AND MATERIALS
1.10.07	CONTROLLED AND HAZARDOUS MATERIALS

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ARTICLE	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
1.20-1.00	SECTION 1.20 - GENERAL CLAUSES FOR FACILITIES CONSTRUCTION GENERAL 1. Section 1.20 adds requirements to the Form 816 Division I that are special to Facilities Construction. 2. Facilities Construction is defined as the type of construction that requires the issuance of a Certificate of Compliance by the State Building Inspector's representative at the completion of the project, and includes site work considered ancillary to this type of construction. 3. Section 1.20 is organized so that Articles in 1.20 relate back to the similarly named and numbered sections of Division I, where applicable. 4. If a conflict occurs between Division I and Section 1.20, Section 1.20 governs.	
1.20-1.02.04	EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS AND SITE OF WORK 1. Organization of CSI-formatted Specifications and Language Used.	CSI Section 01421: Part 1.1
1.20-1.02.13	KNOWLEDGE OF APPLICABLE LAWS 1. State of Connecticut Building and Fire Safety Codes.	CSI Section 01421: Part 1.2
1.20-1.03.01	CONSIDERATION OF BIDS 1. Requirements for the Contractor's submission of the Schedule of Values.	Special Provision to Article 1.03.01
1.20-1.04.01	INTENT OF CONTRACT 1. Describes the schematic nature of the plans. 2. Notes that the Contract organization and division of work does not dictate the organization of Contractor and subcontractor work.	CSI Section 01010: Part 1.2A Part 1.2B

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ARTICLE	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
1.20-1.05.02	SHOP DRAWINGS, PRODUCT DATA, PRODUCT SAMPLES AND QUALITY ASSURANCE SUBMITTALS 1. Transmittal of Submittals. 2. Submittal Preparation and Processing. 3. Submittal Schedule. 4. Shop Drawings. 5. Product Data. 6. Product Samples. 7. Quality Assurance Submittals. 8. Designer's Action: "Conforms," "Conforms as Noted," "Revise and Resubmit," "Rejected," and "No Action Required."	CSI Section 01300: Part 1.3 Part 1.4 Part 1.5 Part 1.6 Part 1.7 Part 1.8 Part 1.9 Part 1.10
1.20-1.05.04	COORDINATION OF SPECIAL PROVISIONS, PLANS, SUPPLEMENTAL SPECIFICATIONS AND STANDARD SPECIFICATIONS AND OTHER CONTRACT REQUIREMENTS 1. Discusses Industry Standards.	CSI Section 01421: Part 1.3
1.20-1.05.05	COOPERATION BY CONTRACTOR 1. Describes the Contractor's requirement to maintain documents on site. 2. Describes the Contractor's responsibility to maintain a complete set of Record Drawings and Record Specifications.	CSI Section 01010: Part 1.4 01700: Part 1.6
1.20-1.05.10	INSPECTION 1. Addresses the requirement for inspections by a building code official.	Special Provision to Article 1.05.10
1.20-1.05.24	PROJECT MEETINGS 1. General Requirements. 2. Pre-Construction Meetings. 3. Pre-Installation Meetings. 4. Progress Meetings. 5. Coordination Meetings.	CSI Section 01200: Part 1.1B Part 1.2 Part 1.3B to D Part 1.4A to D Part 1.5

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ARTICLE	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
1.20-1.05.25	SCHEDULES AND REPORTS 1. Baseline Bar Chart Construction Schedule. 2. Monthly Updates. 3. Biweekly Schedules. 4. Recovery Schedules. 5. Daily Construction Reports.	CSI Section 01311: Part 1.3 Part 1.4 Part 1.5 Part 1.6 Part 1.7
1.20-1.06.01	SOURCE OF SUPPLY AND QUALITY 1. Naming Manufacturer Does Not Imply Acceptability of Products. 2. Single Source Responsibility for Products. 3. Compatibility of Products. 4. Equipment Nameplates. 5. Concealment of Nameplates and Trademarks.	CSI Section 01600: Part 1.2A Part 1.2B Part 1.2C Part 1.2D Part 1.2E
1.20-1.06.03	STORAGE 1. General Storage Requirements for Materials.	CSI Section 01600: Part 1.3
1.20-1.06.08	WARRANTIES 1. Standard Product Warranties. 2. Manufacturer's Disclaimers and Limitations on Warranties. 3. Warranty Requirements. 4. Warranty Submittal Requirements. 5. Warranty Format 6. Failure of Warranted Project Work	CSI Section 01740: Part 1.2 Part 1.1C Part 1.3A, B, E Part 1.4A, B Part 2.1 & 3.2 Part 1.3C, D
1.20-1.06.25	PRODUCT SELECTION 1. General. 2. Prohibition of Product Substitutes. 3. Semi-Proprietary Specification Requirements. 4. Non-Proprietary Specification Requirements. 5. Descriptive Specification Requirements. 6. Performance Specification Requirements. 7. Visual Matching. 8. Visual Selection.	CSI Section 01600: Part 2.1A & B Part 2.1B #1 Part 2.1B #2 Part 2.1B #3 Part 2.1B #4 Part 2.1B #5 Part 2.1B #6 Part 2.1B #7

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ARTICLE	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
1.20-1.07.06	SANITARY PROVISIONS 1. Contractor's Prohibition of Use of State's Existing Toilet Facilities.	CSI Section 01500: Part 3.2I
1.20-1.08.03	PROSECUTION OF WORK 1. Permanent Utilities in Contractor's Name Until Certificate of Compliance 2. Temporary Utilities, Services, and Facilities. a. Utility Usage Charges. b. Contractor's Plan for Implementation/Termination of Temporary Utilities. c. Obtain Certifications and Permits and Arrange for Inspections. d. General Installation Requirements for Temporary Facilities. e. Electrical Installation Requirements. f. Heating Requirements. g. Water Service Requirements. h. Waste Removal from the Project. i. Removal of Temporary Facilities. 3. Cutting and Patching. a. Approval Process. b. Protection of Structural Elements. c. Protection of Visual Elements. d. Warranty. e. Materials. f. Coordination. g. Preparation. h. Performance. i. Cleaning.	CSI Section 01500: Part 1.4A 01500: Part 1.4B 01500: Part 1.2 01500: Part 1.3 01500: Part 3.1 01500: Part 3.2A to E 01500: Part 3.2F & G 01500: Part 3.2H 01500: Part 3.2J 01500: Part 3.4 01045: Part 1.2 01045: Part 1.3A & B 01045: Part 1.3C 01045: Part 1.4 01045: Part 2.1 01045: Part 3.1 01045: Part 3.2 01045: Part 3.3 01045: Part 3.4
1.20-1.08.05	WORKMEN AND EQUIPMENT 1. Temporary Heating Units. 2. Portable Fire Extinguishers.	CSI Section 01500: Part 2.1A Part 2.1B
1.20-1.08.11	FINAL CLEANING UP 1. Final Cleaning.	CSI Section 01700: Part 3.1

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ARTICLE	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
1.20-1.08.13	COMPLETION OF CONSTRUCTION WORK AND TERMINATION OF CONTRACTOR'S RESPONSIBILITY 1. Utility Services. 2. Spare Parts.	CSI Section 01700: Part 1.4 Part 1.5A to C
1.20-1.08.14	ACCEPTANCE OF PROJECT 1. Record Documents. 2. Operation and Maintenance Manuals. a. General Requirements. b. Material and Finishes Maintenance Manual. c. Equipment and Systems Maintenance Manual. 3. Training.	CSI Section 01700: Part 1.6 01730: Part 1.3A to C 01730 Part 1.4A 01730 Part 1.5A 01730: Part 1.2 & 1.6

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SPECIAL PROVISIONS (INCLUDING BOILERPLATE DOCUMENTS AND CSI SPECIFICATIONS)

ALL BOILERPLATE DOCUMENTS ARE PASSWORD PROTECTED TO ENSURE THAT THE ORIGINAL DOCUMENTS ARE NOT INADVERTENTLY MODIFIED. USE THE FOLLOWING PROCEDURE ON EACH FILE TO REMOVE THE PASSWORD FROM THE PROJECT-SPECIFIC COPY:

- 1. COPY EACH FILE TO THE PROJECT-SPECIFIC DIRECTORY. OPEN EACH FILE AS "READ ONLY."**
- 2. SELECT "FILE" AND THEN "SAVE." INSERT A NEW FILENAME OR DESTINATION. SELECT "SAVE."**
- 3. SELECT "FILE" AND THEN "SAVE AS." SELECT "OPTIONS." ERASE THE "*" FROM THE PASSWORD WINDOW AND UN-CHECK "READ ONLY." SELECT "OK" AND THEN SELECT "SAVE."**

SPECIAL PROVISIONS AND BOILERPLATE DOCUMENTS:

[See Note () at the Bottom of Page 2.]**

Transmit electronically to the Office of Processing as follows:

[S:\DOTSHARE\TEMP \(NO RESTORES\)\\[Project Number\]\SPECIAL PROVISIONS*.](S:\DOTSHARE\TEMP (NO RESTORES)\[Project Number]\SPECIAL PROVISIONS*.)

Advise the Office of Processing when these documents have been transmitted. **Please note that hardcopies of supplemental information such as reports will not be included in the Contract.**

File Naming Conventions:

1. BoilerPlate Documents: As Noted Within the Table. Filenames are based on the Office of Processing's Listing of Specifications (See Michael Strong for a sample list). Filenames must remain as noted within the Table to ensure that the Contracts are assembled correctly by the Contract Assembly Computer System. Should it become necessary to create a new filename, coordinate the filename with the Office of Processing.

2. Special Provisions: Use 7-digit number followed by an 'A,' "xxxxxxxA.DOC."

Processing will combine these documents into one file by the Contract Assembly Computer System. Do not include any additional files that are not intended to be included in the Contract. To ensure that these documents are correctly incorporated into the Project, please follow these guidelines:

1. All files shall be submitted in Microsoft Word 97 format.
2. All editing assistance comments are contained within "[]" and are to be deleted upon final editing. Unless otherwise noted, the information included in the documents is applicable to all Projects.
3. All Special Provisions must be created using the Office of Processing's current Special Provision Template (not the Owned Special Provision Template), located on the Intranet. Refer to the related Special Provision Template instructions for additional information. These files include (3) formats ("SPEC HEAD 1," "SPEC HEAD 2," and "NORMAL") that are required by the Contract Assembly Computer System:

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SPECIAL PROVISIONS (INCLUDING BOILERPLATE DOCUMENTS AND CSI SPECIFICATIONS)

"SPEC HEAD 1" - Use this format for titles of Notice to Contractors, Form 816 Section Names, titles of Special Provisions, and as otherwise indicated on the Intranet. "SPEC HEAD 1" information will be automatically included in the Contract Special Provision Index.

"SPEC HEAD 2" - Use this format for Form 816 Article Names and as otherwise indicated on the Intranet.

"NORMAL" - Use this format for all other text.

The (3) "NOTICE TO CONTRACTOR" files are provided to assist in the preparation of the Contract. Project specific Notice to Contractors shall be added as required. Insert page breaks between Notice to Contractors so that each Notice to Contractor starts at the top of a new page.

CSI-FORMATTED SPECIFICATIONS:

Transmit electronically to the Office of Processing as follows:

[S:\DOTSHARE\TEMP \(NO RESTORES\)\\[Project Number\]\CSI SPECIFICATIONS*.*](#)

Advise the Office of Processing when these documents have been transmitted. **Please note that hardcopies of supplemental information such as reports will not be included in the Contract.**

Do not include any \ARCH, \STRUCT, \CIVIL, \MECH, \ELEC, etc. subdirectories to the "CSI SPECIFICATIONS" subdirectory. The CSI-formatted Specifications will be batch printed by Processing. Therefore, do not include any additional files that are not intended to be included in the Contract. To ensure that the CSI-formatted Specifications are correctly incorporated into the Project, please follow these guidelines:

1. Naming of the Table of Contents: "00000.DOC"
2. Naming of Contract Specifications: Use 5-digit CSI number, "xxxxx.DOC."
3. Naming of Addendum Specifications: Use 5-digit CSI number and Addendum number, "xxxxx-Axx.DOC."
4. Include CSI-formatted Specifications with their built-in MASTERPEC templates. Do not attempt to run these Specifications through the Special Provision templates.
5. All editing assistance comments are contained within "[]" and are to be deleted upon final editing. Unless otherwise noted, the information included in the documents is applicable to all Projects. Leave the date in the header.

NOTE (): THE BOILERPLATE DOCUMENTS HAVE BEEN MODIFIED TO REFLECT THE APPROXIMATE CONTENT OF THE MARCH 2004 MASTERSPEC REVISIONS, EXCEPT THAT THE CONTENT OF THE FOLLOWING CSI SPECIFICATIONS RELATED TO LEED HAVE NOT BEEN INCLUDED: 01352, 01524, 01810, AND 01815.**

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ARTICLE OR NAME	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
	CONTRACT TIME AND LIQUIDATED DAMAGES <i>FILENAME: 0.010_LIQUID.DOC</i> 1. Use this document as an example as to what information is required. Consult with the Facilities Design Project Manager for a liquidated damage amount. List all Project permits. Project Cost Codes are available from the Office of Contracts.	Contract Time and Liquidated Damages
	NOTICE TO CONTRACTORS - APPLICABLE TO ALL PROJECTS <i>FILENAME: 0.0100_NTC-ALL PROJECTS.DOC</i> 1. Use the Edit Guides within this document to include the appropriate Notice to Contractors.	
	NOTICE TO CONTRACTOR - PRE-BID SITE VISIT	Notice to Contractors
	NOTICE TO CONTRACTOR - STANDARD SPECIFICATIONS	Notice to Contractors
	NOTICE TO CONTRACTOR - GENERAL REQUIREMENTS AND COVENANTS OF THE CONTRACT 1. This Notice to Contractor states that Division I of the Form 816 (including the new Section 1.20) sets forth the requirements and procedures to administer the Contract.	Notice to Contractors
	NOTICE TO CONTRACTOR - MEASUREMENT AND PAYMENT	Notice to Contractors
	NOTICE TO CONTRACTOR - FORM 816 REFERENCES ON STANDARD DRAWINGS	Notice to Contractors
	NOTICE TO CONTRACTOR - MUNICIPAL DEMOLITION PERMIT	
	NOTICE TO CONTRACTOR - BUY AMERICA	Notice to Contractors
	NOTICE TO CONTRACTOR - POTENTIAL FOR ASBESTOS CONTAINING MATERIALS	Notice to Contractors
	NOTICE TO CONTRACTOR - HISTORICAL RENOVATION PROJECT	Notice to Contractors
	NOTICE TO CONTRACTOR - PROJECT DESCRIPTION	CSI Section 01010 Part 1.1
	NOTICE TO CONTRACTOR - LIMITATION OF CONTRACTOR OPERATIONS	CSI Section 01010 Part 1.3
	NOTICE TO CONTRACTOR - ENGINEER OCCUPANCY	Notice to Contractors
	NOTICE TO CONTRACTOR - PROJECT PHASING REQUIREMENTS	Notice to Contractors

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ARTICLE OR NAME	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
	NOTICE TO CONTRACTOR - UTILITY SERVICE CONNECTIONS [AND RELOCATIONS]	Notice to Contractors
	NOTICE TO CONTRACTOR - OFF-SITE STAGING AND STORAGE	Notice to Contractors
	NOTICE TO CONTRACTOR - COLD WEATHER CONCRETE ACTIVITIES	Notice to Contractors
	NOTICE TO CONTRACTOR - EARLY SUBMITTALS	Notice to Contractors
	NOTICE TO CONTRACTOR - SUBMITTALS	CSI Section 01300 Part 1.1
	NOTICE TO CONTRACTOR - SOLE SOURCE PRODUCTS	
	NOTICE TO CONTRACTOR - COMPATIBILITY OF MOTOR FUEL ISLAND FOR ETHANOL	Notice to Contractors
	NOTICE TO CONTRACTOR - SUPPLYING FUEL FOR STORAGE TANKS	Notice to Contractors
	NOTICE TO CONTRACTOR - PRE-INSTALLATION MEETINGS	CSI Section 01200 Part 1.3A
	NOTICE TO CONTRACTOR - SPARE PARTS	CSI Section 01700 Part 1.5D
	NOTICE TO CONTRACTOR - OPERATION AND MAINTENANCE MANUALS	CSI Section 01730 Part 1.3D, 1.4B, 1.5B
	NOTICE TO CONTRACTOR - TRAINING	
	NOTICE TO CONTRACTOR - WARRANTIES	CSI Section 01740 Part 1.4C & 3.3
	NOTICE TO CONTRACTOR - THRESHOLD BUILDING OCCUPANCY	Notice to Contractors
	NOTICE TO CONTRACTOR - THRESHOLD BUILDING PERMIT REQUIREMENTS	Notice to Contractors
	NOTICE TO CONTRACTOR - THRESHOLD BUILDING DESIGN AND CALCULATION SUBMISSION REQUIREMENTS	Notice to Contractors

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ARTICLE OR NAME	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
	NOTICE TO CONTRACTORS - AVIATION PROJECTS <i>FILENAME: 0.0100_NTC-AVIATION.DOC</i> 1. Include these specifications only for Aviation Projects. Verify with the Bureau of Aviation and Ports that the current version is being used. Also, verify that the correct information is included for General Aviation Airport Projects.	
	NOTICE TO CONTRACTOR - FAA GENERAL CONDITIONS	
	NOTICE TO CONTRACTOR - SPECIAL PROVISIONS FOR FAA AIP PROJECTS	
	NOTICE TO CONTRACTOR - BADGING	Notice to Contractors
	NOTICE TO CONTRACTOR - GENERAL AIRPORT SAFETY REQUIREMENTS	Notice to Contractors
	NOTICE TO CONTRACTOR - SPECIFIC AIRPORT SAFETY REQUIREMENTS	Notice to Contractors
	NOTICE TO CONTRACTOR - SPECIFIC REQUIREMENTS FOR WORK INSIDE AIRPORT TERMINAL	
	NOTICE TO CONTRACTOR - SPECIFIC CONTRACTOR ACCESS REQUIREMENTS	Notice to Contractors
	NOTICE TO CONTRACTOR - LOAD RESTRICTIONS ON UPPER MOTOR RAMP	Notice to Contractors
	NOTICE TO CONTRACTOR - ENDANGERED SPECIES COORDINATION	Notice to Contractors
	NOTICE TO CONTRACTOR - DUST CONTROL AT AIRPORTS	Notice to Contractors
	NOTICE TO CONTRACTORS - METRO-NORTH AND AMTRAK PROJECTS <i>FILENAME: 0.0100_NTC-RAILROAD.DOC</i>	
	NOTICE TO CONTRACTOR - STATION OPERATION	Notice to Contractors
	NOTICE TO CONTRACTOR - TACTILE WARNING STRIP	Notice to Contractors
	NOTICE TO CONTRACTOR - SPECIAL ELECTRICAL CATENARY WORK	Notice to Contractors
	NOTICE TO CONTRACTOR - MAINTAINING ROADWAY ACCESS TO TRACKS	Notice to Contractors
	NOTICE TO CONTRACTOR - PEDESTRIAN BRIDGE STRUCTURE	Notice to Contractors
	NOTICE TO CONTRACTOR - WORK ON RAILROAD PROPERTY	Notice to Contractors
	AMTRAK PERMIT TO ENTER <i>FILENAME: 0.0101_PERMIT TO ENTER.DOC</i>	

**FACILITIES DESIGN
CONTRACT PREPARATION
TRAINING OVERVIEW FOR DESIGNERS AND CONSULTANTS**

SPECIAL PROVISIONS (INCLUDING BOILERPLATE DOCUMENTS AND CSI SPECIFICATIONS)

ARTICLE OR NAME	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
	<i>FILENAME: 0.075_SEC1.01.DOC</i>	
1.01.01	DEFINITIONS 1. Modified and Additional Definitions Applicable to Facilities Construction.	Special Provision to Article 1.01.01
1.01.02	ABBREVIATIONS, PUBLICATIONS, AND STANDARDS 1. Modified and Additional Abbreviations Applicable to Facilities Construction.	Special Provision to Article 1.01.02
	<i>FILENAME: 0.080_SEC1.03C.DOC</i>	
1.03.07	INSURANCE 1. Modified and Additional Insurance Requirements Applicable to Facilities Construction.	Special Provision to Article 1.03.07
1.03.08	NOTICE TO PROCEED AND COMMENCEMENT OF WORK 1. Language to Delete Winter Shutdown When Applicable.	Special Provision to Article 1.03.08
	<i>FILENAME: 0.085_SEC1.05.DOC</i>	
1.05.02	PLANS, WORKING DRAWINGS, AND SHOP DRAWINGS 1. Language to Delete Working Drawings When Applicable. 2. Language to Delete Shop Drawings	Special Provision to Article 1.05.02
1.05.06	COOPERATION WITH UTILITIES (INCLUDING RAILROADS) 1. Include this subarticle for Metro-North Railroad Projects. Verify that the current version is being used.	Special Provision to Article 1.05.06
	<i>FILENAME: 0.090_SEC1.06B.DOC</i>	
1.06.01	SOURCE OF SUPPLY AND QUALITY 1. Delete language that conflicts with Article 1.20-1.06.01.	Special Provision to Article 1.06.01
1.06.08	WARRANTIES, GUARANTEES AND INSTRUCTION SHEETS 1. Delete language that conflicts with Article 1.20-1.06.08.	Special Provision to Article 1.06.08

**FACILITIES DESIGN
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SPECIAL PROVISIONS (INCLUDING BOILERPLATE DOCUMENTS AND CSI SPECIFICATIONS)

ARTICLE OR NAME	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
	<i>FILENAME: 0.110_SEC1.08C.DOC</i>	
1.08.01	TRANSFER OF WORK OR CONTRACT 1. Modify the % of Work Required to be Performed by the Contractor.	Special Provision to Article 1.08.01
1.08.07	DETERMINATION OF CONTRACT TIME 1. Language to Delete Winter Shutdown When Applicable.	Special Provision to Article 1.08.07
1.08.08	EXTENSION OF TIME 1. Language to Delete Winter Shutdown When Applicable.	Special Provision to Article 1.08.08
1.08.09	FAILURE TO COMPLETE WORK ON TIME 1. Language to Delete Winter Shutdown When Applicable.	Special Provision to Article 1.08.09
1.08.12	SEMI-FINAL AND FINAL INSPECTIONS 1. Semi-Final Inspection Requirements. 2. Final Inspection Requirements.	CSI Section 01700: Part 1.2 Part 1.3
	<i>FILENAME: 0.127_SEC1.20.DOC</i>	
1.20-1.02.13	KNOWLEDGE OF APPLICABLE LAWS 1. New State of Connecticut Building and Fire Safety Codes	
1.20-1.05.02	SHOP DRAWINGS, PRODUCT DATA, PRODUCT SAMPLES AND QUALITY ASSURANCE SUBMITTALS 1. Revisions to Form 816 Language based on Current MasterSpec Language.	
1.20-1.05.24	PROJECT MEETINGS 1. Revisions to Form 816 Language based on Current MasterSpec Language.	
1.20-1.05.25	SCHEDULES AND REPORTS 1. Language to Delete this subarticle when the Project Coordinator Special Provision is included in the Project.	

**FACILITIES DESIGN
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SPECIAL PROVISIONS (INCLUDING BOILERPLATE DOCUMENTS AND CSI SPECIFICATIONS)

ARTICLE OR NAME	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
1.20-1.08.03	PROSECUTION OF WORK: 1. Selective Demolition. a. Definitions. b. Approval Process. c. Repair Materials. d. Examination. e. Utility Services. f. Preparation. g. Pollution Controls. h. Performance. i. Removed and Salvaged Materials. j. Removed and Reinstalled Materials. k. Existing Materials to Remain. l. Patching and Repairing. m. Disposal of Demolished Materials.	CSI Section 01732
1.20-1.08.05	WORKMEN AND EQUIPMENT 1. Revisions to Form 816 Language based on Current MasterSpec Language.	
1.20-1.08.14	ACCEPTANCE OF PROJECT 1. Revisions to Form 816 Language based on Current MasterSpec Language.	
	AMTRAK RAILROAD CSI-FORMATTED SPECIFICATIONS <i>FILENAMES: 01141A.DOC, 01142A.DOC, 01520A.DOC, 02261A.DOC</i>	Special Provision to Article 1.05.06
01141A 01142A 01520A 02261A	1. Include these specifications only for AMTRAK Railroad Projects. Verify that the current versions are being used.	
ITEM # 0000195A	TEMPORARY MAINTENANCE WORK AREA 1. Sample Language for Temporary Owner Facilities to Add When Applicable.	CSI Section 01510
ITEM # 0000382A	METRO-NORTH ACCOMMODATION BUILDING 1. Sample Language for Temporary Ticket Office to Add When Applicable.	CSI Section 01510

**FACILITIES DESIGN
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SPECIAL PROVISIONS (INCLUDING BOILERPLATE DOCUMENTS AND CSI SPECIFICATIONS)

ARTICLE OR NAME	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
ITEM # 0603169A	PROGRESS PHOTOGRAPHS <i>FILENAME: 0603169A.DOC</i> 1. Include Estimate for Item No. in Contract.	ITEM #0603169A
ITEM # 0714999A	MONITORING STRUCTURES <i>FILENAME: 0714999A.DOC</i> 1. Used for Bridge, Track, and Retaining Wall Monitoring. 2. Include Estimate for Item No. in Contract.	ITEM #0714999A
ITEM # 0969000A	PROJECT COORDINATOR <i>FILENAME: 0969000A.DOC</i> 1. The Facilities Design Project Manager shall coordinate the need for this Special Provision with the District Office of Construction. 2. This Special Provision is no longer edited by Facilities Design; it is only edited by the Office of Construction. Consult with Frank Kaminski to verify that the current Facilities Design version is being used. 3. Include Estimate for Item No. in Contract.	ITEM #0969000A
ITEM # 0969001A	CONSTRUCTION FIELD OFFICE (TYPE 'A') 1. This Special Provision is no longer edited by Facilities Design; it is only edited by the Office of Processing. 2. Include Estimate for Item No. in Contract.	ITEM #0969001A
ITEM # 0969002A	CONSTRUCTION FIELD OFFICE (TYPE 'B') 1. This Special Provision is no longer edited by Facilities Design; it is only edited by the Office of Processing. 2. Include Estimate for Item No. in Contract.	ITEM #0969002A
ITEM # 0969003A	CONSTRUCTION FIELD OFFICE (TYPE 'C') 1. This Special Provision is no longer edited by Facilities Design; it is only edited by the Office of Processing. 2. Include Estimate for Item No. in Contract.	ITEM #0969003A

**FACILITIES DESIGN
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SPECIAL PROVISIONS (INCLUDING BOILERPLATE DOCUMENTS AND CSI SPECIFICATIONS)

ARTICLE OR NAME	TITLE AND DESCRIPTION	814A FORMAT (OLD) LOCATION
ITEM # 971001	MAINTENANCE AND PROTECTION OF TRAFFIC 1. This Special Provision is no longer edited by Facilities Design; it is only edited by the Office of Traffic. 2. Include Estimate for Item No. in Contract.	ITEM #0971001
ITEM # 970004	TRAFFICPERSON 1. This Special Provision is no longer edited by Facilities Design; it is only edited by the Office of Traffic. 2. Include Estimate for Item No. in Contract.	ITEM #0970004
ITEM # 0980001A	CONSTRUCTION STAKING <i>FILENAME: 0980001A.DOC</i> 1. Include Estimate for Item No. in Contract.	ITEM #0980001A
ITEM #	MAJOR LUMP SUM ITEM SPECIAL PROVISION <i>FILENAME: 0-MLSI-A.DOC (RENAME WITH ACTUAL NUMBER)</i> 1. This Special Provision shall be edited for the name of the actual major lump sum item for the Project. Wherever possible, try to use existing item names and numbers to avoid needing to request a new item from the Office of Processing. If it is necessary to request a new item, use a generic name to allow the item to be used again in the future. 2. In an effort to standardize cost estimating procedures, (2) tabs are included as a part of this Training Outline file: Division 1 Cost Estimate Summary Cost Estimate	ITEM #
00000	CSI-FORMATTED SPECIFICATIONS TABLE OF CONTENTS <i>FILENAME: 00000.DOC</i>	00000

**FACILITIES DESIGN
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TRAINING OVERVIEW FOR DESIGNERS AND CONSULTANTS**

TITLE SHEET NOTES

Include the following paragraphs on the Project plan Title Sheet. Confirm the date below with the Facilities Design Project Manager. Typically, the new Supplemental Specifications go in effect (1) month after their issuance by the Office of Processing (February/August). The important date as far as the Office of Processing is concerned is the FDP date. For example, a Project with an FDP date of June 15, 2005 would be advertised under the January 2005 Supplemental Specifications.

"Division I of the document entitled "State of Connecticut, Department of Transportation, Standard Specifications for Roads, Bridges, and Incidental Construction, Form 816, 2004," including the Supplemental Specifications dated **[January, 2005]**, is hereby made part of this Contract, as modified by the Special Provisions contained herein."

"CONNECTICUT DEPARTMENT OF TRANSPORTATION DISCLAIMER

Connecticut Department of Transportation bidding and other information and documents which are obtained through the Internet, World Wide Web Sites or other sources are not to be construed to be official information for the purposes of bidding or conducting other business with the Department.

It is the responsibility of each bidder and all other interested parties to obtain all bidding related information and documents from official sources within the Department.

Persons and/or entities which reproduce and/or make such information available by any means are not authorized by the Department to do so and may be liable for claims resulting from the dissemination of unofficial, incomplete and/or inaccurate information."

**FACILITIES DESIGN
CONTRACT PREPARATION
TRAINING OVERVIEW FOR DESIGNERS AND CONSULTANTS**

REQUIRED DESIGNER CHANGES TO ACCOUNT FOR FORM 816

ALL DESIGNERS MUST:

1	Plans and Special Provisions: Replace "814A" and "815" with "816." Review to eliminate conflicts with the Form 816 and delete all information that is already covered in the Form 816 and replace said information with a reference to the appropriate Form 816 Article.
2	Special Provisions (including CSI-formatted Specifications): To date, the following list of edit guides have been developed:
1	Review and comply with the order of governance of Contract provisions outlined in Article 1.05.04.
2	Sections 1.01.01, 1.01.02, and 1.01.03 include commonly used definitions, abbreviations, and terms. It is not recommended to repeat any of these elsewhere, just use the abbreviation or term. Advise Mike Strong of new abbreviations and terms to add to Section 1.01.
3	Do not delete the Revision Date in the headers of the BoilerPlate documents. This date represents the Revision Date of the original files.
4	Please note that the only acceptable documentation related to Asbestos is now a manufacturer certification letter.
5	Language Recommendations: Refer to FILENAME: "ITRAININGISample Language for CSI Specs.doc" for sample language for many of the following recommendations in CSI-formatted Specifications (sample language for Special Provisions would be similar):
a.	Follow MasterSpec guides for spacing, formatting, etc. for CSI-formatted Specifications.
b.	Use less passive voice.
c.	Do not use the word " New. " All work is assumed to be new unless labelled " Existing. "
d.	" The Contractor shall . . . " and " The Engineer will . . . " are appropriate phrases.
e.	" Designer: " Defined in Article 1.01.01 to be employees of Facilities Design or its consultants and it should be capitalized.
f.	" Engineer: " Defined in Article 1.01.01 and interpreted to be the construction inspectors and it should be capitalized.
g.	Replace "Owner" with one of the following as it is applicable: " Department, " " State, " or " CONNDOT. "
h.	When referencing a specific project, " Project " and " Project Site " shall be capitalized.
i.	Use " plan Sheet X-X " or " plans " to refer to the drawings.
j.	Use " CSI Section XXXXX " to refer to specific CSI-formatted Specifications. Use " PART " to replace "Article" when used in the CSI-formatted Specifications but is not intended to reference the Form 816.
k.	Use " Form 816 Section X.XX " or " Form 816 Article X.XX.XX " to refer to specific parts of the Form 816.
l.	Replace all references to CSI Division 1 Sections with the appropriate Article of Section 1.20 and Notice to Contractor references.
m.	Replace all references to CSI Division 2 Sections with a reference to the appropriate Form 816 Article or Item No.
n.	Submittals: There are (6) main types. From Article 1.20-1.05.02 (Product Data, Shop Drawings, Product Samples, Quality Assurance) as well as Maintenance Data and Warranties (since the submittal procedure is used for these documents). Reevaluate all submittal requirements in the specifications and retain only those that are necessary (for example, fewer samples).
o.	Pre-Installation Meetings: Replace "Conference" used by MasterSpec with "Meetings" to match Article 1.20-1.05.24.
p.	Warranties: All warranties shall be noted to begin "with the issuance of the Certificate of Compliance."
q.	Spare Parts: Replace "Extra Materials" used by MasterSpec with "Spare Parts."
r.	Inspections and Training.
3	Cost Estimating: Refer to the "Summary Cost Estimate" and "Specific Division 1 Costs" tabs within this file as one approach at standardizing on a cost estimating procedure.

SAMPLE

FDP COST ESTIMATE FOR

[INSERT PROJECT NAME]
PROJECT NO. [INSERT PROJECT NO.]

LINE	DIVISION	DESIGNER SUBTOTAL \$	DESIGNER EST. YEAR	INFLATED \$ EST.COST	LUMP SUM	UNIT PRICE
1	GENERAL REQUIREMENTS (10% OF LINES 2-18)	#REF!	2003	#REF!	#REF!	
2	GENERAL REQUIREMENTS (SEPARATELY ESTIMATED WORK)	#REF!	2003	#REF!	#REF!	#REF!
3	SITE WORK	\$0.00	2003	\$0.00		\$0.00
4	ENVIRONMENTAL REMEDIATION (from Environmental Compliance)	\$0.00	2003	\$0.00		\$0.00
5	CSI DIVISION 3	\$0.00	2003	\$0.00	\$0.00	
6	CSI DIVISION 4	\$0.00	2003	\$0.00	\$0.00	
7	CSI DIVISION 5	\$0.00	2003	\$0.00	\$0.00	
8	CSI DIVISION 6	\$0.00	2003	\$0.00	\$0.00	
9	CSI DIVISION 7	\$0.00	2003	\$0.00	\$0.00	
10	CSI DIVISION 8	\$0.00	2003	\$0.00	\$0.00	
11	CSI DIVISION 9	\$0.00	2003	\$0.00	\$0.00	
12	CSI DIVISION 10	\$0.00	2003	\$0.00	\$0.00	
13	CSI DIVISION 11	\$0.00	2003	\$0.00	\$0.00	
14	CSI DIVISION 12	\$0.00	2003	\$0.00	\$0.00	
15	CSI DIVISION 13	\$0.00	2003	\$0.00	\$0.00	
16	CSI DIVISION 14	\$0.00	2003	\$0.00	\$0.00	
17	CSI DIVISION 15	\$0.00	2003	\$0.00	\$0.00	
18	CSI DIVISION 16	\$0.00	2003	\$0.00	\$0.00	
19	CONTRACTOR'S BID PRICE			#REF!	#REF!	#REF!
20		PERCENT			[est. completion date]	
21	TRAILER COSTS ON FEDERAL PROJECTS			\$0		
22	INCIDENTALS , % OF CONTRACTOR'S BID PRICE - LINE 21	#REF!		#REF!		
23	CONTINGENCIES, % OF CONTRACTOR'S BID PRICE	#REF!		#REF!		
24	RAILROAD FORCE ACCOUNT (WHERE APPLICABLE)			\$0		
25	TOTAL			#REF!	2006	DOLLARS

NOTES:

1.03 = ASSUMED RATE OF INFLATION

BLUE TEXT IN COMPUTER FILE REPRESENTS MATHEMATICAL EQUATIONS.

SAMPLE

FDP COST ESTIMATE FOR
[INSERT PROJECT NAME]
PROJECT NO. [INSERT PROJECT NUMBER]
GENERAL
REQUIREMENTS (SEPARATELY ESTIMATED WORK)

ITEM#	ITEM	QTY	UNIT COST	AMOUNT	UNIT PRICE	LUMP SUM
MLSI	TEMPORARY FACILITIES FOR STATE	1	LS	\$0.00		\$0.00
MLSI	SELECTIVE DEMOLITION	1	LS	\$0.00		\$0.00
0603169A	PROGRESS PHOTOGRAPHS	0	EA	\$175.00	\$0.00	
0969000A	CONSTRUCTION FIELD OFFICE - TYPE A	0	MO	\$1,300.00	\$0.00	
0969001A	PROJECT COORDINATOR	1	LS	\$0.00	\$0.00	
0980001A	CONSTRUCTION STAKING	1	LS	\$0.00	\$0.00	
	DESIGNER SUBTOTALS				\$0.00	\$0.00

[est. completion date]

NOTES:

- TEMPORARY FACILITIES FOR STATE = **COPY IN FROM BELOW AS APPLICABLE**
REVIEW ESTIMATES BELOW TO ACCOUNT FOR MATERIALS THAT ARE NOW OWNED BY THE DEPARTMENT SU
- SELECTIVE DEMOLITION = **ADDRESS**
- PROGRESS PHOTOGRAPHS = NUMBER OF VISITS x SETS/VISIT, WHERE NUMBER OF VISITS = PRE-CONSTRUCTION + N
AND SETS/VISIT =

0

 SETS/VISIT
- CONSTRUCTION DURATION =

0

 MONTHS
- BASED ON PAST PROJECTS, PROJECT COORDINATOR = \$3,333.33 x NUMBER OF MONTHS
DISCUSS WITH CONSTRUCTION AND OWNER (DELETE BASED ON PAST PROPERTY AND FACILITIES PROJECTS:
- CONSTRUCTION STAKING = **ADDRESS**

BLUE TEXT IN COMPUTER FILE REPRESENTS MATHEMATICAL EQUATIONS.

[PROJECT SPECIFIC EXAMPLE BELOW - WALLINGFORD MAINTENANCE FACILITY - REVISE!]

TEMPORARY FACILITIES FOR DEPARTMENT PERSONNEL SHALL CONSIST OF:

- A. FUEL DISPENSING EQUIPMENT** \$5,900.00
TRANSPORATION OF FUEL DISPENSING EQUIPMENT TO ROCKY HILL \$500.00
(ASSUME 20 MILES ONE WAY)
- B. OFFICE TRAILERS (TYPE A) SHALL BE RENTED** \$39,000.00
STORAGE CONTAINERS SHALL BE PURCHASED; \$1,800 BASED ON PROJECT 1 \$3,600.00
UTILITY CONNECTIONS FOR BATHROOM TRAILER (PROVIDED BY STATE)
130 LF 1" COPPER PIPE & INSULATION INSIDE BUILDING @ \$8.35/LF & \$4.3 \$1,653.60
ITEM NO. 1301321, '1" COPPER TUBING (WATER MAIN)' - 60 LF @ \$35.00/LF \$2,100.00
ITEM NO. 1400117, '4" PVC PIPE (SANITARY)' - 20 LF @ \$30.00/LF \$600.00
TRANSPORTATION OF BATHROOM TRAILER AND (2) STORAGE CONTAINERS TO ROCKY HILL
(ASSUME 40 MILES ROUND TRIP, 3 TRIPS) \$1,500.00
- C. DIVISION 16 ESTIMATE INCLUDES ELECTRICAL COSTS ASSOCIATED WITH POWERING**
TEMPORARY FACILITIES FOR DEPARTMENT PERSONNEL \$0.00
\$54,853.60
- ROUND OFF TO \$55,000 FOR THE COSTS ASSOCIATED WITH TEMPORARY FACILITIES FOR DEPARTMENT PERSONNEL**